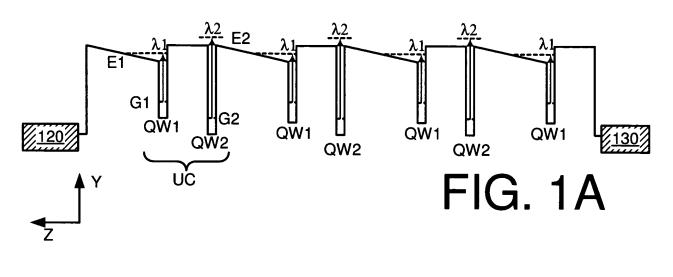
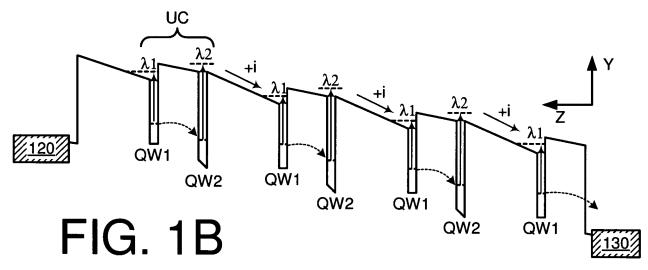
## SYSTEMS INVOLVING VOLTAGE-TUNABLE QUANTUM-WELL INFRARED PHOTODETECTORS (QWIPs) AND RELATED METHODS

Inventor: Choi; Attorney Adams (703) 806-8255; Attorney Docket 3 ARL 03-56, Sheet 1 of 12





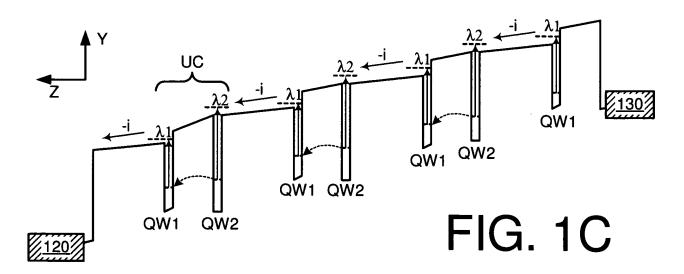
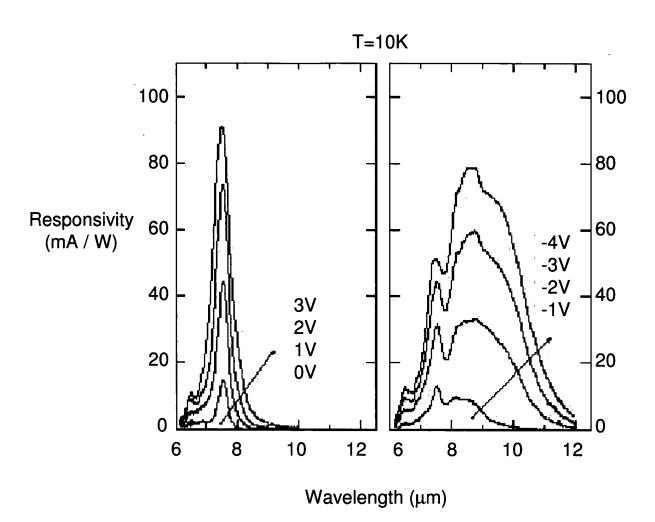
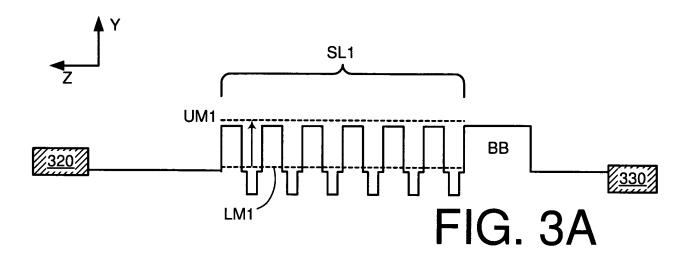
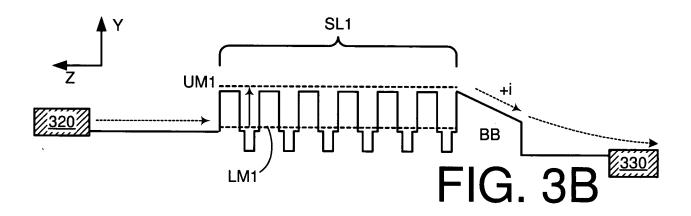


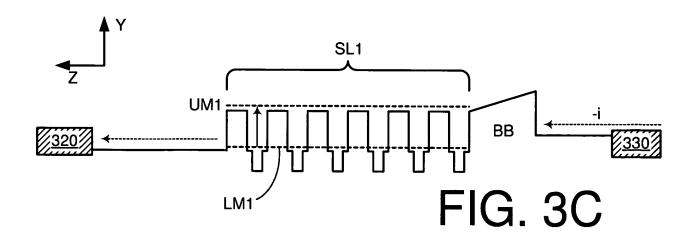
FIG. 2A FIG. 2B



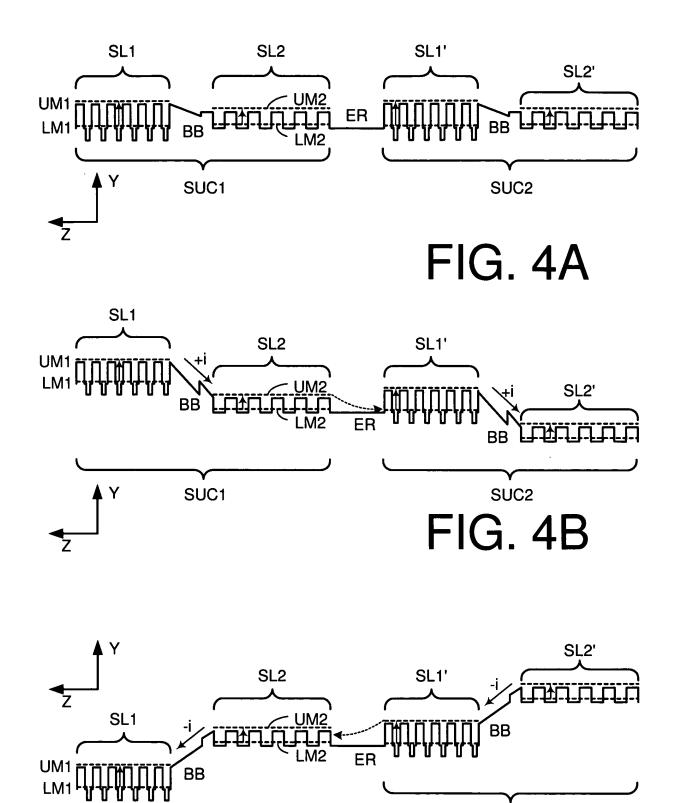
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SUC<sub>1</sub>

FIG. 4C

SUC2

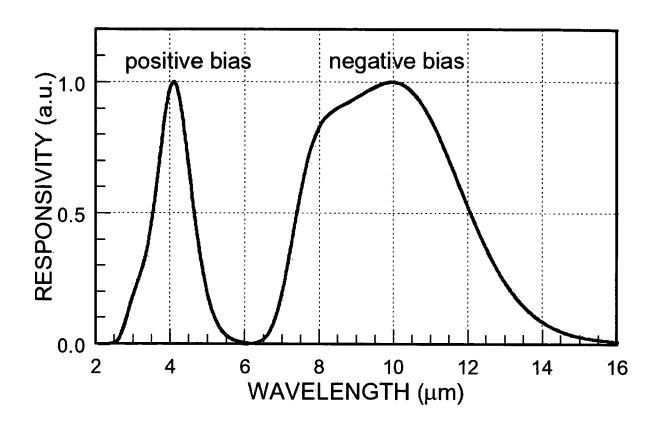
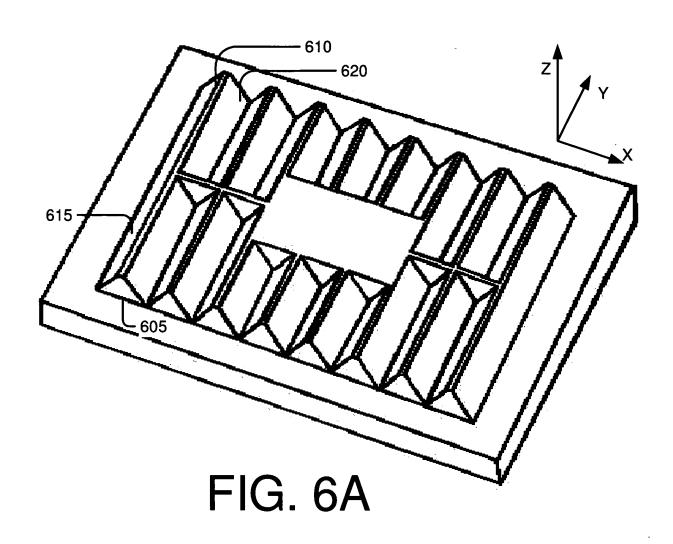
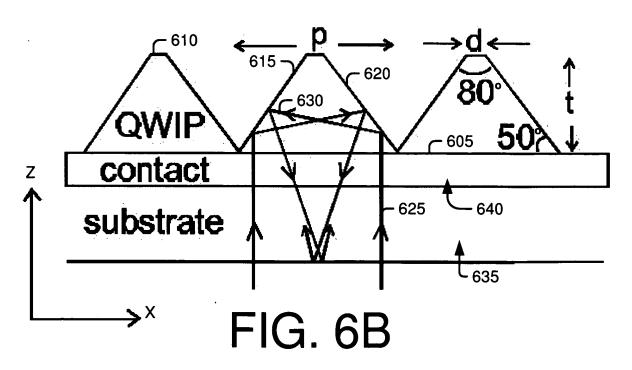
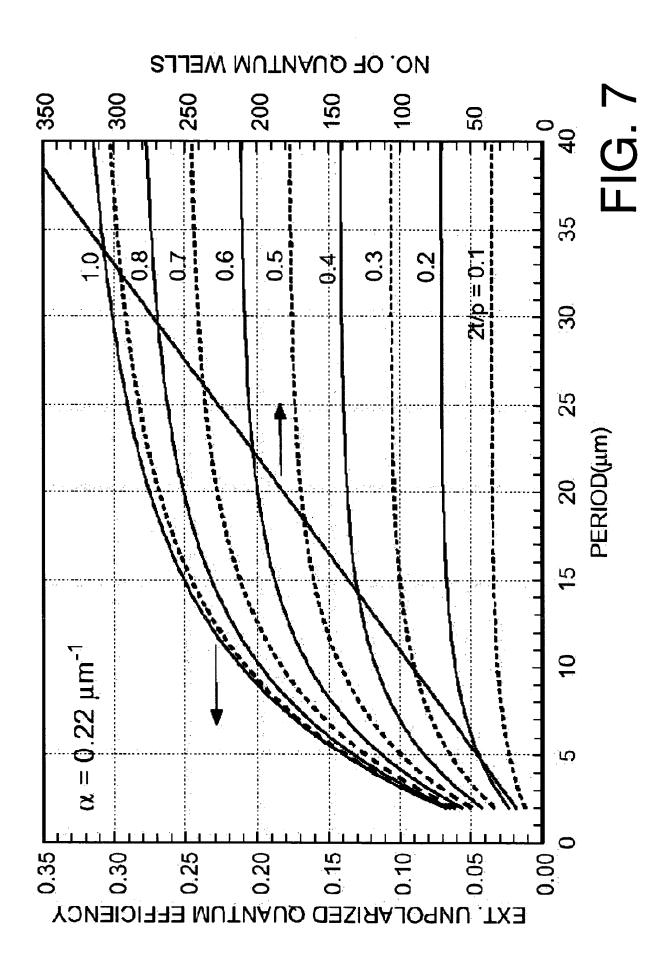


FIG. 5







PHOTODETECTORS (QWIPs) AND RELATED METHODS
Inventor: Choi; Attorney Adams (703) 806-8255; Attorney Docket 3 ARL 03-56, Sheet **8** of 12

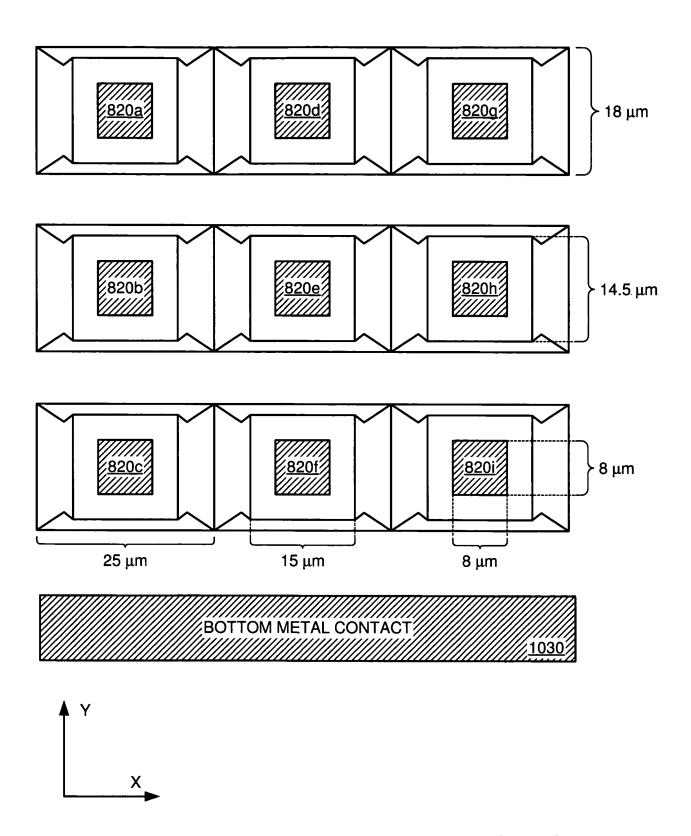
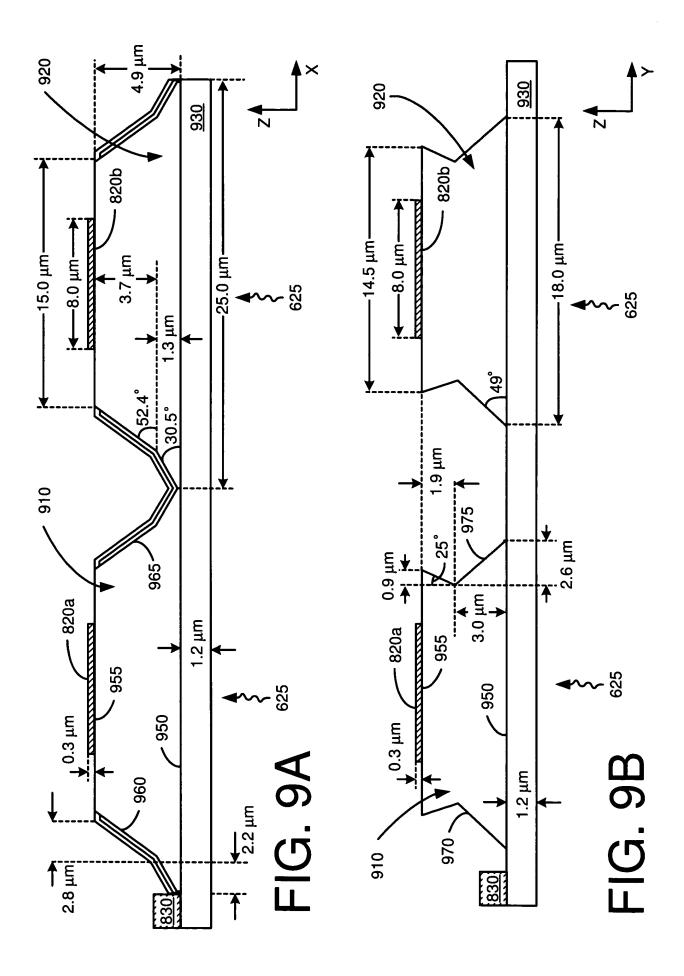


FIG. 8

Inventor: Choi; Attorney Adams (703) 806-8255; Attorney Docket 3 ARL 03-56, Sheet 12



## SYSTEMS INVOLVING VOLTAGE-TUNABLE QUANTUM-WELL INFRARED PHOTODETECTORS (QWIPs) AND RELATED METHODS

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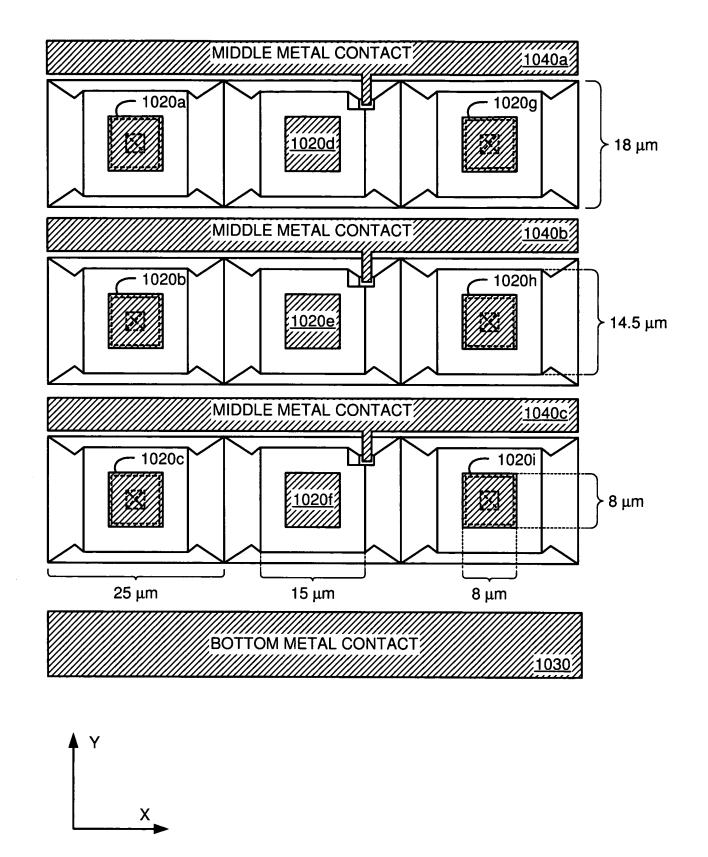
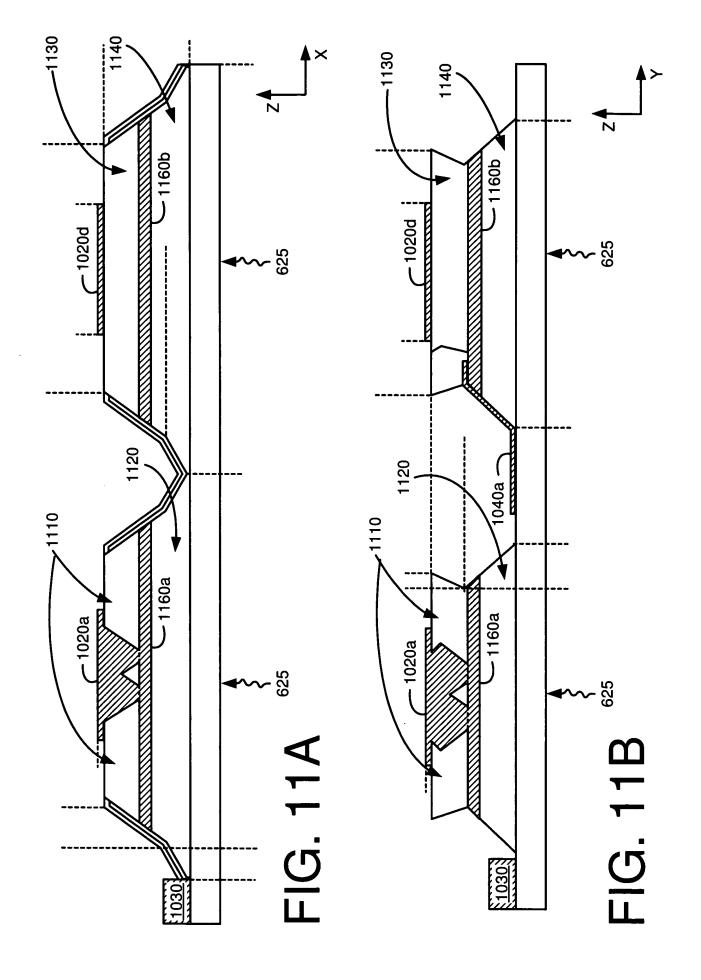


FIG. 10



## SYSTEMS INVOLVING VOLTAGE-TUNABLE QUANTUM-WELL INFRARED PHOTODETECTORS (QWIPs) AND RELATED METHODS

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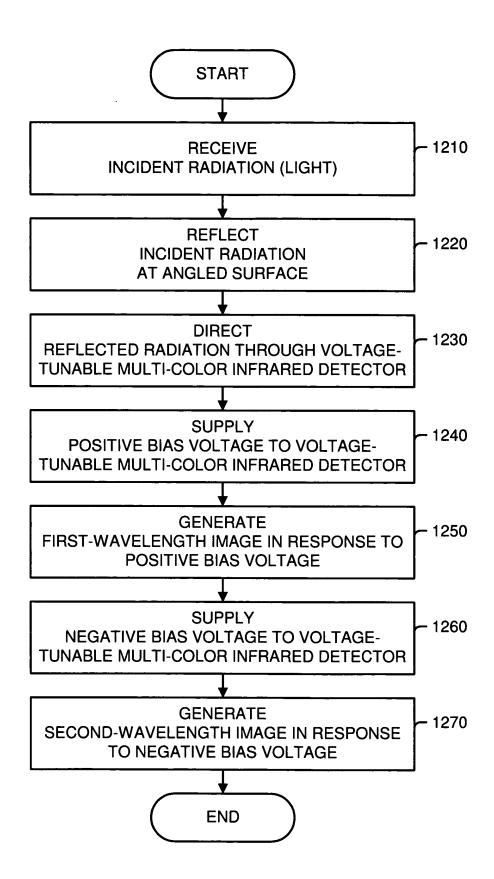


FIG. 12